



High Wind Tonight-Thursday

December 15, 2021
5:37 AM

Wind Advisory 10 PM tonight until 4 PM Thursday

Key Points

✓ Wind Advisory for all of southeast Michigan

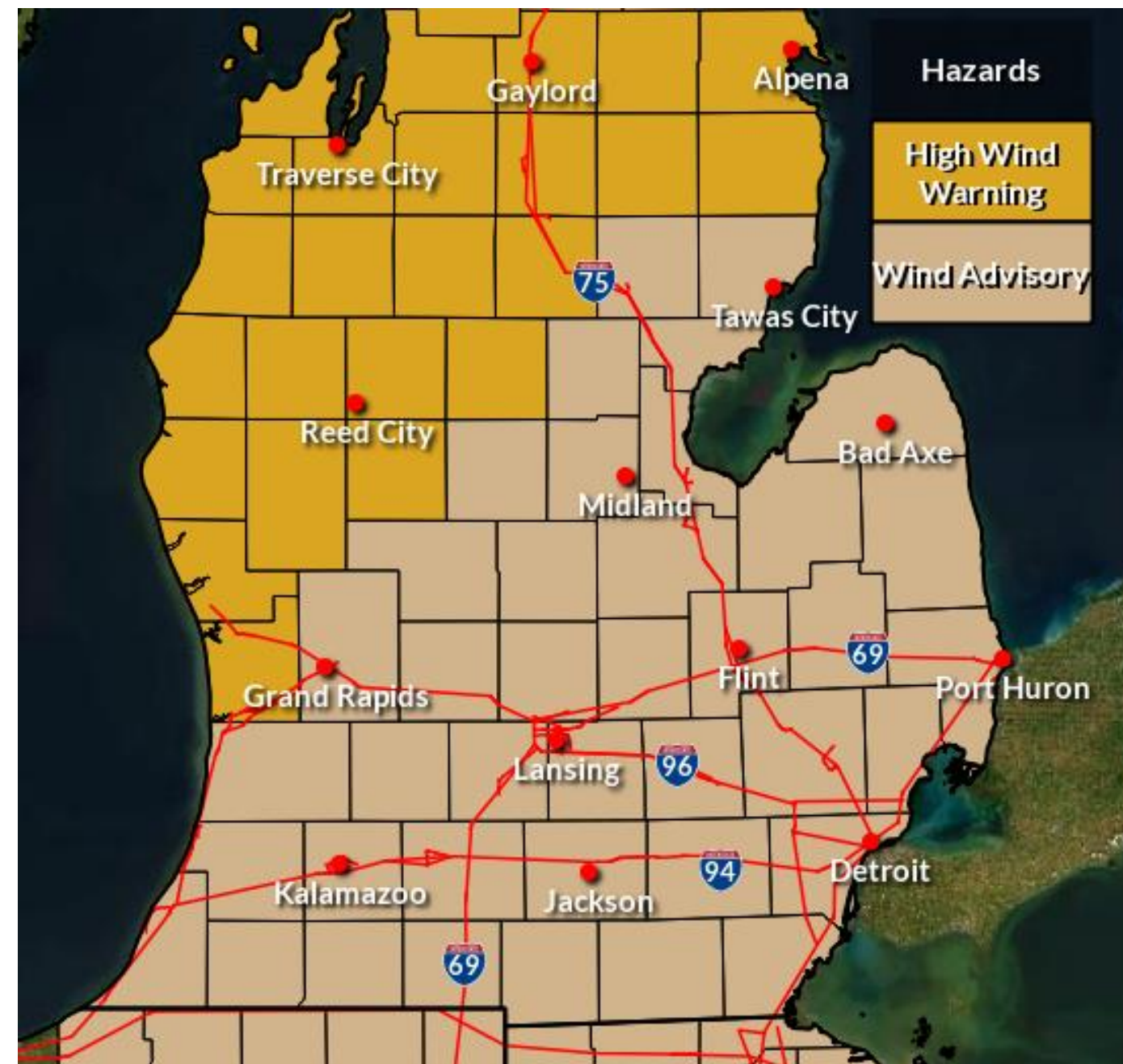
✓ 10 PM tonight until 4 PM Thursday

✓ Isolated south wind gusts around 45 mph tonight.

✓ Another strong cold front shifts wind to SW with gusts 50-55 mph likely beginning mid to late morning.

Impacts

- ✓ Scattered to numerous power outages.
- ✓ Tree damage.
- ✓ Damage to unsecured outdoor objects.
- ✓ Hazardous driving conditions for high profile vehicles.



National Oceanic and
Atmospheric Administration
U.S. Department of Commerce

National Weather Service
Detroit, Michigan



Peak Wind Gusts

December 15, 2021
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Timing & Duration

- ✓ Peak of the event with the highest winds approximately 6 AM to Noon Thursday

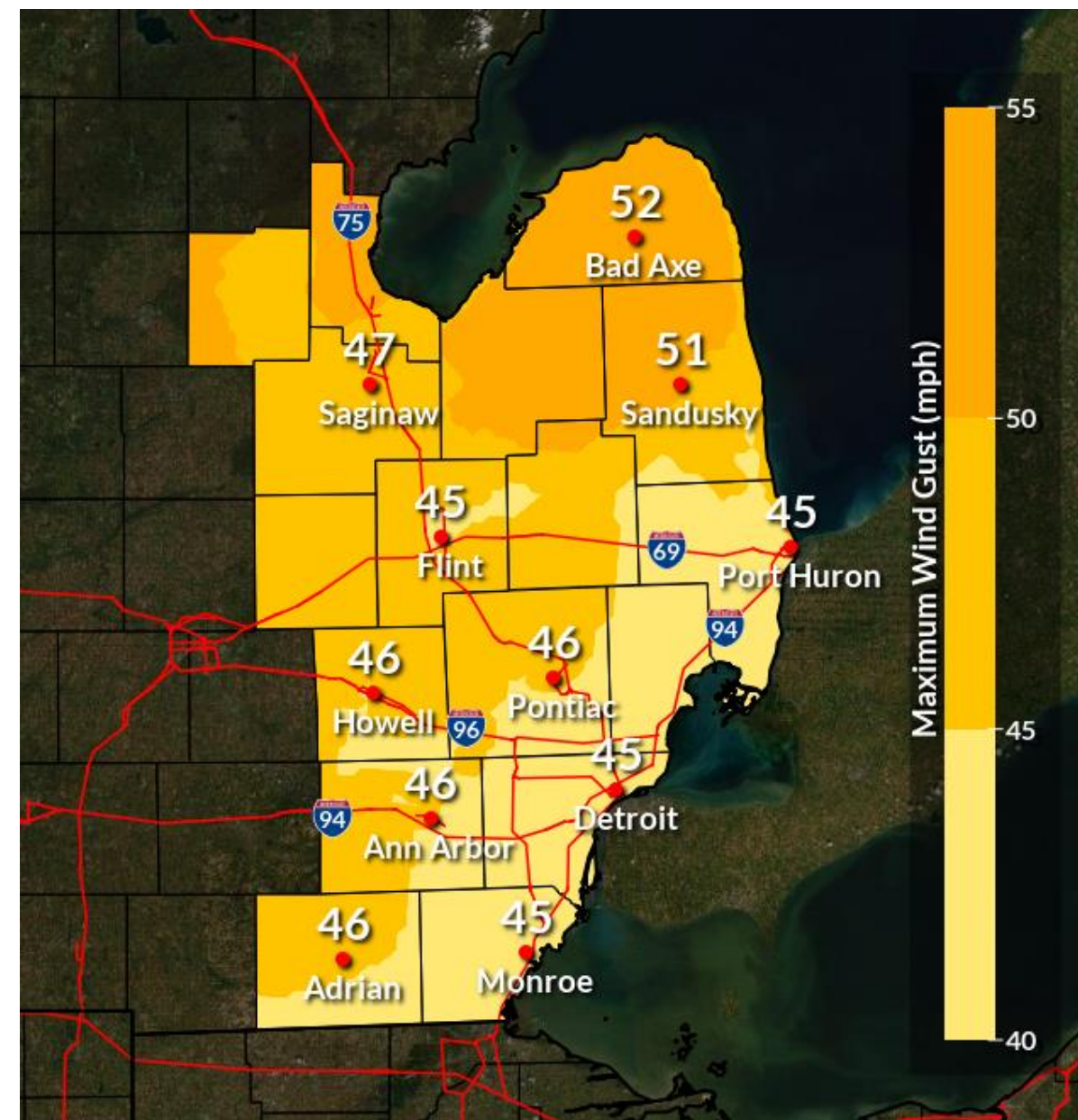
Certainty & Considerations

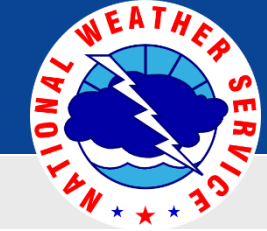
- ✓ Low confidence in 45 mph gusts in warm air tonight.
- ✓ High confidence in a 3 to 6 hour period of gusts 45 to 55 mph with the passage of a cold front during morning into early afternoon

Important Updates

- ✓ **First issuance of Wind Advisory**

Peak Wind Gusts for Thursday





Wind Probability

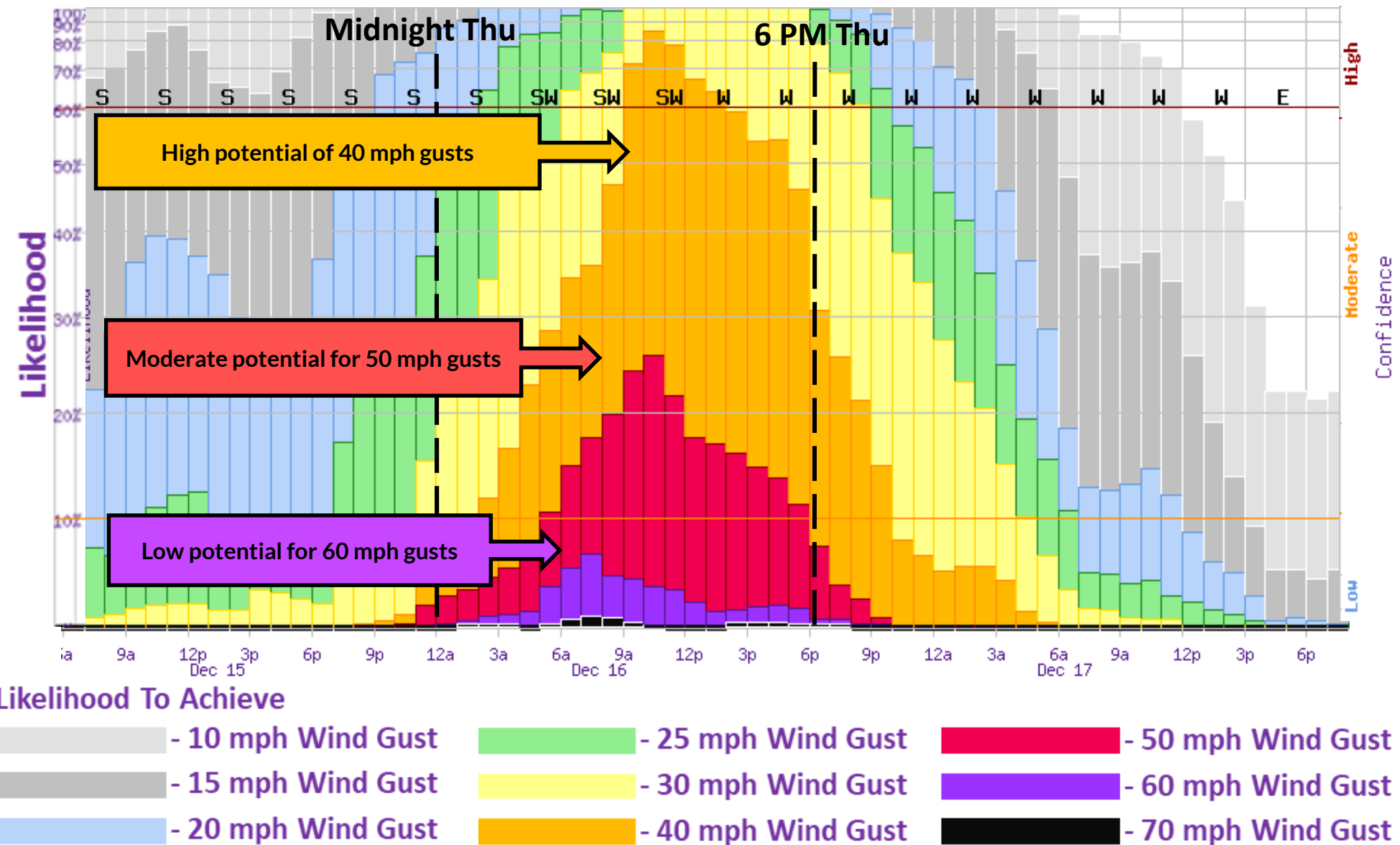
Tri-Cities/Thumb Region

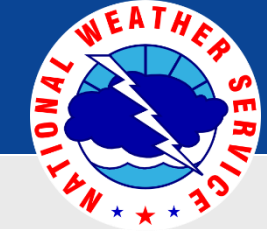
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Key Points

- ✓ High probability for wind gusts to exceed 40 mph
- ✓ Moderate probability of gusts exceeding 50 mph
- ✓ Low probability of 60 mph peak gust with passage of strong cold front.

Probabilistic 1 hr Guidance for Wind Gust





Wind Probability

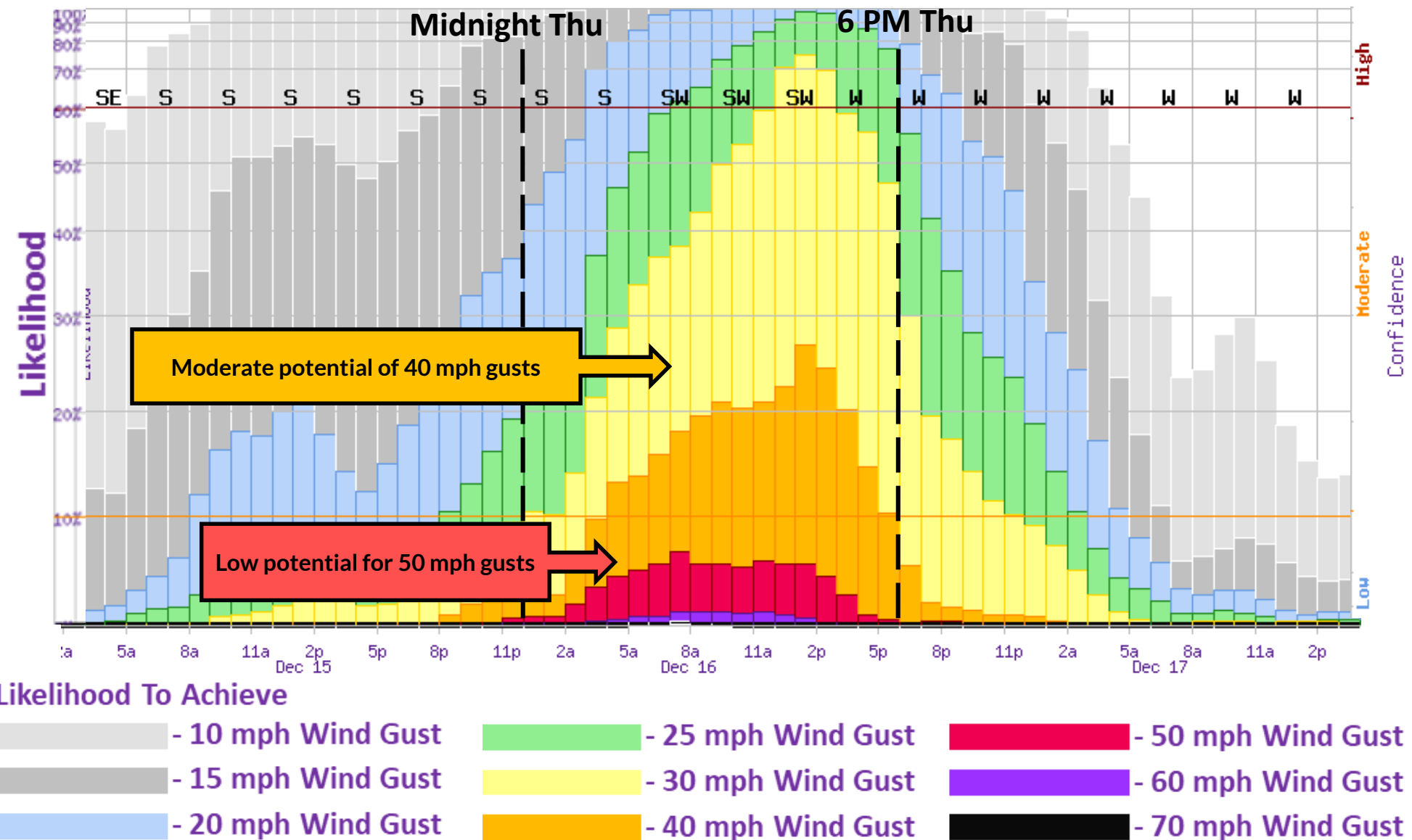
Pontiac, Detroit area, Adrian, Monroe

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Key Points

- ✓ Moderate probability for wind gusts exceeding 40 mph
- ✓ Potential for gusts to exceed 50 mph

Probabilistic 1 hr Guidance for Wind Gust





High Wind Hazards

Preparedness Information

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High Wind Hazard and Preparedness Information

- A **High Wind Watch**: Be Prepared! Sustained, strong winds are possible. Secure loose outdoor items and adjust plans as necessary so you're not caught outside.
- A **High Wind Warning**: Take Action! Sustained, strong winds with even stronger gusts are happening. Seek shelter. If you are driving, keep both hands on the wheels and slow down
- A **Wind Advisory**: Take Action! Strong winds are occurring but are not so strong to warrant a High Wind Warning. Objects that are outdoors should be secured and caution should be taken if driving.



For more information about this event, please monitor our local hazards page here: <https://www.weather.gov/dtx/dss>

For additional safety and preparedness information related to wind, please visit: <https://www.weather.gov/safety/wind>

Follow us on Facebook and Twitter
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National Weather Service
Detroit, Michigan



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